

PR 73-33

**GEARHART
AUSTRALIA**

GEARHART PTY LTD
Incorporated in Western Australia



MAGELLAN PETROLEUM

PALM VALLEY #3

21ST JANUARY 1983

CONFIDENTIAL

DEPT. OF MINES & ENERGY
DO NOT REMOVE



P01020

MAGELLAN PETROLEUM
HP SURVEY REPORT

PALM VALLEY #3

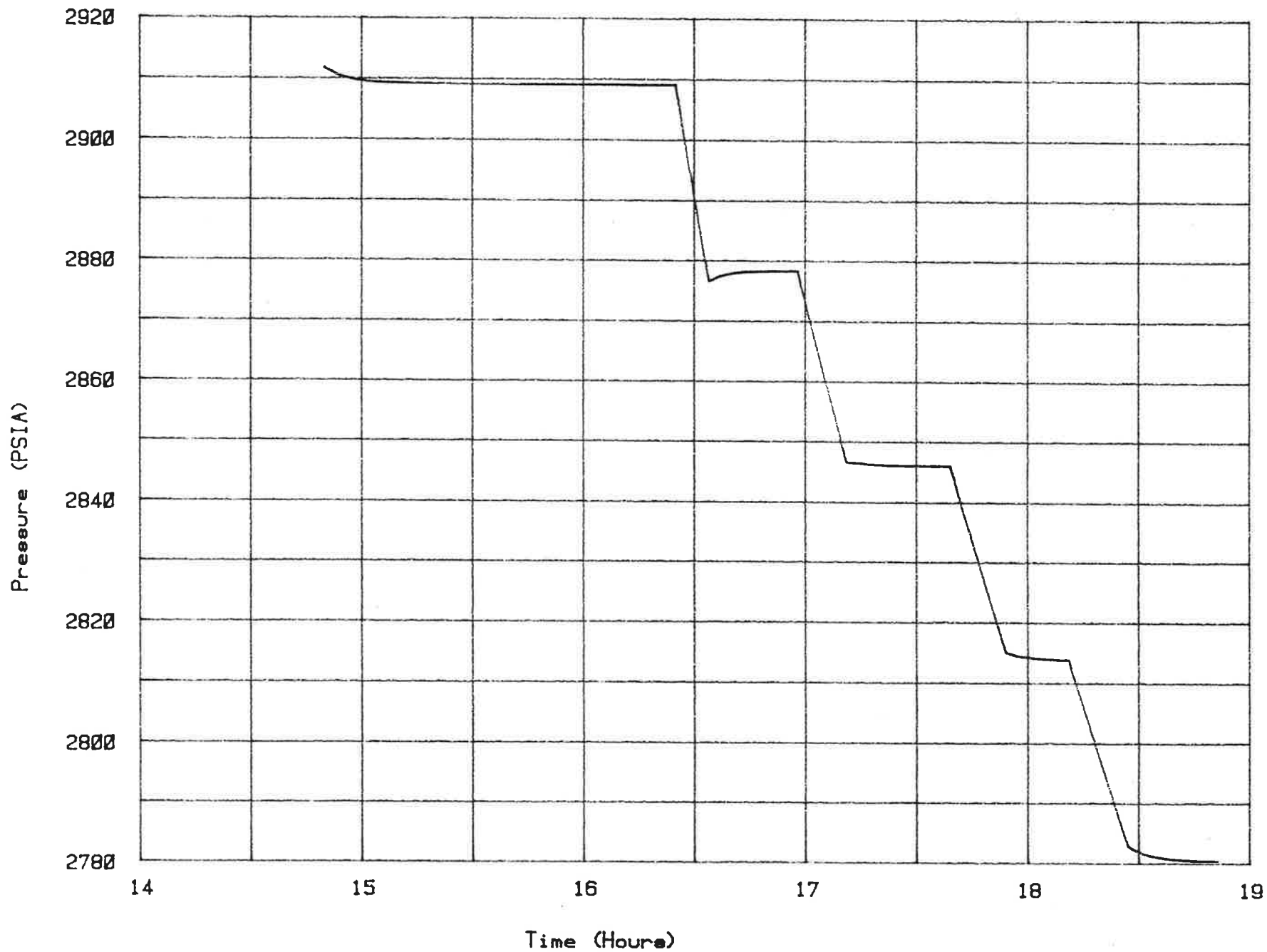
OPERATIONS SCHEDULE

<u>HOURS</u>	<u>REMARKS</u>
January 21st, 1983	
0800	ARRIVE & RIG UP
1000	D.W.T. 2453 PSIG ON TUBING
1115	ENGAGE STYLUS
1350	R.I.H.
1450	HANG @ 8700
1512	COMPUTER MALFUNCTIONED
1543	BEGAN LOGGING AGAIN
1616	P.O.O.H
1634	HANG @ 8200
1658	P.O.O.H
1705	HANG @ 5700
1739	P.O.O.H
1745	HANG @ 5200
1810	P.O.O.H
1817	HANG @ 4700
1852	P.O.O.H
1825	HANG IN LUBRICATOR
1930	RIG DOWN

NOTE ; Changes from field copy are (1) Amerada static gradient has changed
after recalibration of Element No 22770
(2) Dead weight tester reading was incorrect,
wrong weights used 7 psi to heavy

GEARHART PTY. LTD. - LINEAR PRESSURE PLOT
MAGELLAN PETROLEUM PALM VALLEY #3 21/01/83

Plotted from: 14:50:00 on 21/01/83
to: 18:51:00 on 21/01/83 (Approx. 4 hrs.)



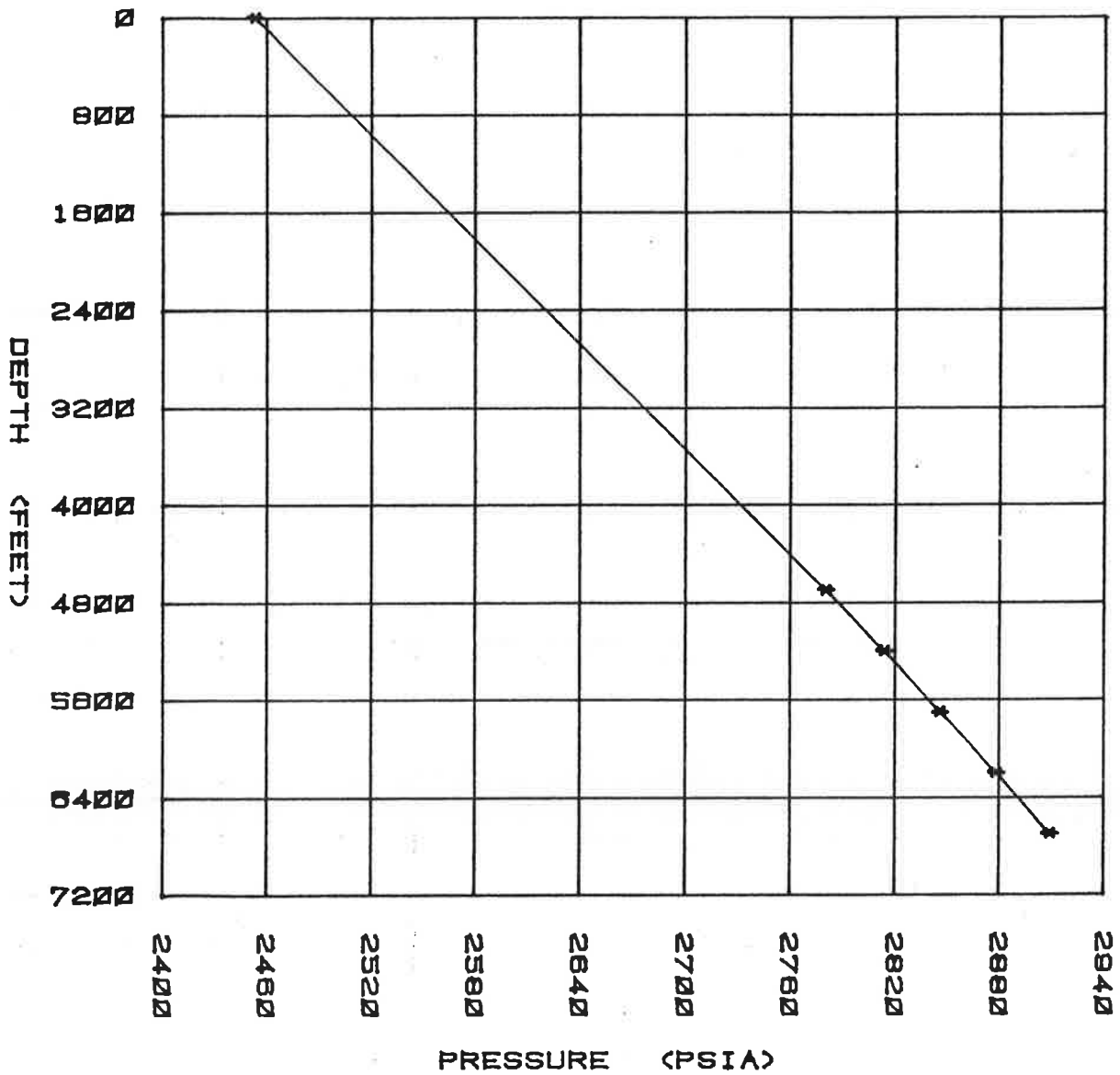
GEARHART AUSTRALIA - STATIC GRADIENT

MAGELLAN PETROLEUM

PALM VALLEY #3

21/01/83

H. P. GAUGE No. 250



DEPTH (TVD) FT	PRESSURE (PSIA)	GRADIENT (PSI/FT)
0.0	2453.19	
4700.0	2780.44	.070
5200.0	2813.88	.067
5700.0	2846.02	.064
6200.0	2878.30	.065
6700.0	2909.04	.061

GEARHART AUSTRALIA - STATIC GRADIENT

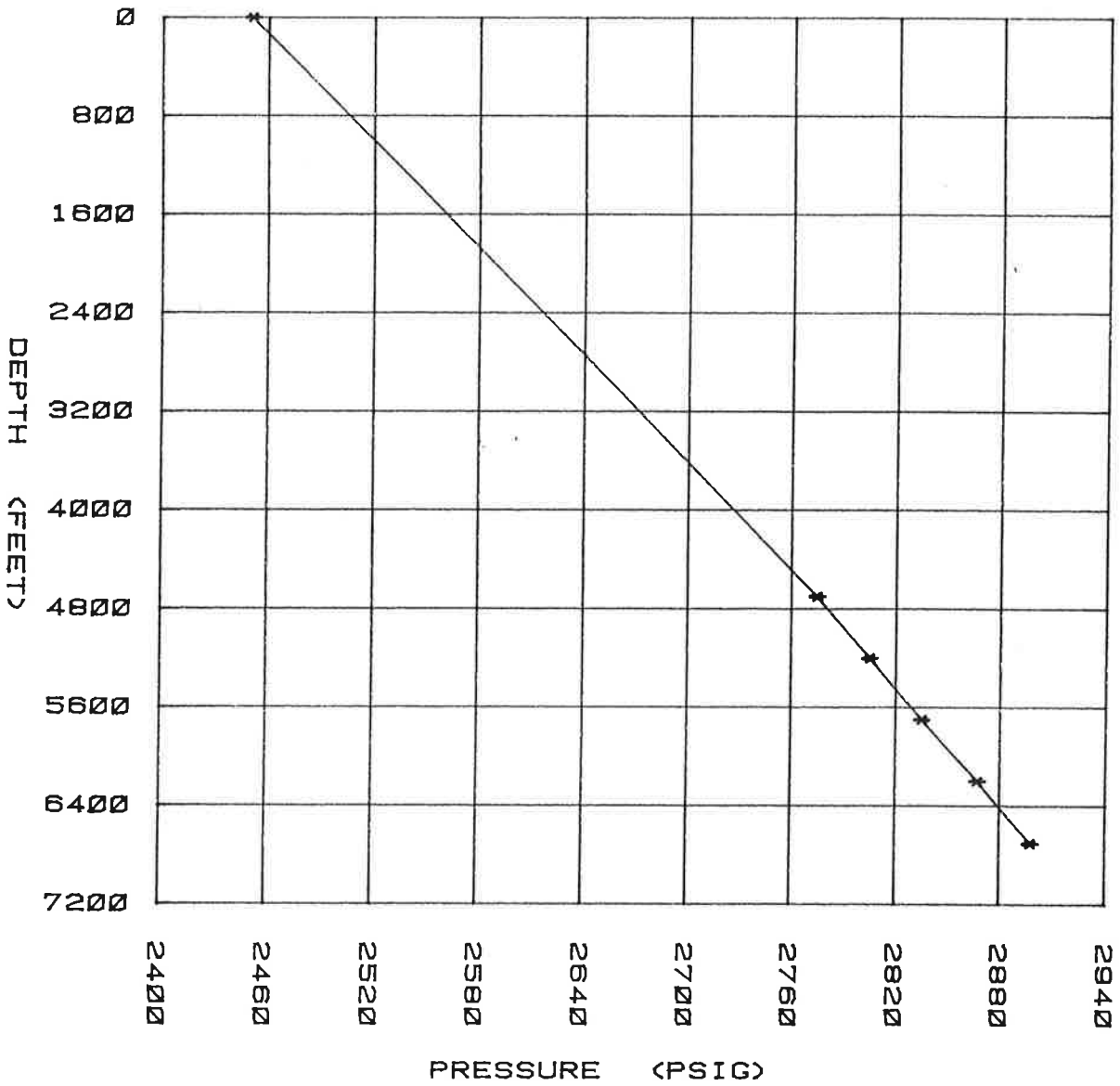
MAGELLAN PETROLEUM

PALM VALLEY #3

21/01/83

AMERADA ELEMENT 0-4000 PSI

SERIAL # 22770



DEPTH (TVD) FT	PRESSURE (PSIG)	GRADIENT (PSI/FT)
0.0	2450.82	
4700.0	2774.59	.069
5200.0	2804.79	.060
5700.0	2835.00	.060
6200.0	2867.21	.064
6700.0	2897.41	.060

Tool Positioned at a depth of:6700

TIME	PRESSURE	TEMP.	TIME	PRESSURE	TEMP.
14:50:00	2911.64	155.0	14:51:00	2911.28	155.0
14:52:00	2910.96	155.1	14:53:00	2910.67	155.1
14:54:00	2910.42	155.1	14:55:00	2910.21	155.1
14:56:00	2910.04	155.2	14:57:00	2909.88	155.1
14:58:00	2909.76	155.2	14:59:00	2909.65	155.1
15:00:00	2909.58	155.2	15:01:00	2909.50	155.2
15:02:00	2909.43	155.2	15:03:00	2909.39	155.2
15:04:00	2909.33	155.3	15:05:00	2909.31	155.3
15:06:00	2909.25	155.3	15:07:00	2909.25	155.3
15:08:00	2909.21	155.3	15:09:00	2909.21	155.3
15:10:00	2909.19	155.3	15:11:00	2909.18	155.3
15:12:00	2909.16	155.3	15:43:00	2909.05	155.4
15:44:00	2909.06	155.4	15:45:00	2909.06	155.4
15:46:00	2909.06	155.4	15:47:00	2909.05	155.4
15:48:00	2909.05	155.4	15:49:00	2909.06	155.4
15:50:00	2909.06	155.4	15:51:00	2909.05	155.4
15:52:00	2909.04	155.4	15:53:00	2909.06	155.4
15:54:00	2909.04	155.4	15:55:00	2909.05	155.4
15:57:00	2909.05	155.4	15:58:00	2909.05	155.4
15:59:00	2909.04	155.4	16:00:00	2909.04	155.5
16:01:00	2909.06	155.4	16:02:00	2909.04	155.4
16:03:00	2909.06	155.4	16:04:00	2909.04	155.4
16:05:00	2909.05	155.4	16:06:00	2909.05	155.4
16:07:00	2909.05	155.4	16:08:00	2909.06	155.5
16:09:00	2909.04	155.4	16:10:00	2909.04	155.4
16:11:00	2909.04	155.4	16:12:00	2909.04	155.4
16:13:00	2909.04	155.4	16:14:00	2909.04	155.4
16:15:00	2909.03	155.4	16:16:00	2909.03	155.5
16:17:00	2909.04	155.4	16:18:00	2909.03	155.4
16:19:00	2909.04	155.4	16:20:00	2909.03	155.5
16:21:00	2909.04	155.5	16:22:00	2909.04	155.4
16:23:00	2909.04	155.4	16:24:00	2909.04	155.5
16:25:00	2909.04	155.4	16:34:00	2876.63	145.2
16:35:00	2876.90	145.2	16:36:00	2877.19	145.2
16:37:00	2877.44	145.2	16:38:00	2877.61	145.1
16:39:00	2877.77	145.1	16:40:00	2877.87	145.0
16:41:00	2877.97	145.0	16:42:00	2878.04	145.0
16:43:00	2878.10	144.9	16:44:00	2878.15	144.9
16:45:00	2878.18	144.9	16:46:00	2878.20	145.0
16:47:00	2878.22	144.9	16:48:00	2878.25	144.9
16:49:00	2878.25	144.9	16:50:00	2878.28	144.9
16:51:00	2878.28	144.8	16:52:00	2878.28	144.8
16:53:00	2878.27	144.9	16:54:00	2878.30	144.9
16:55:00	2878.27	144.8	16:56:00	2878.32	144.9
16:57:00	2878.29	144.8	16:58:00	2878.30	144.8
17:11:00	2846.64	138.6	17:12:00	2846.57	138.6
17:13:00	2846.51	138.6	17:14:00	2846.45	138.6
17:15:00	2846.40	138.5	17:16:00	2846.35	138.6
17:17:00	2846.28	138.5	17:18:00	2846.25	138.6
17:19:00	2846.20	138.6	17:20:00	2846.16	138.6

Tool Positioned at a depth of:6700

TIME	PRESSURE	TEMP.	TIME	PRESSURE	TEMP.
17:21:00	2846.15	138.6	17:22:00	2846.12	138.5
17:23:00	2846.11	138.6	17:24:00	2846.10	138.5
17:25:00	2846.08	138.5	17:26:00	2846.08	138.5
17:27:00	2846.06	138.5	17:28:00	2846.05	138.5
17:29:00	2846.05	138.5	17:30:00	2846.05	138.5
17:31:00	2846.02	138.5	17:32:00	2846.04	138.5
17:33:00	2846.03	138.5	17:34:00	2846.02	138.5
17:35:00	2846.03	138.4	17:36:00	2846.02	138.4
17:37:00	2846.02	138.4	17:38:00	2846.01	138.4
17:39:00	2846.02	138.4	17:54:00	2815.07	130.4
17:55:00	2814.90	130.3	17:56:00	2814.72	130.3
17:57:00	2814.58	130.3	17:58:00	2814.47	130.2
17:59:00	2814.36	130.3	18:00:00	2814.28	130.2
18:01:00	2814.22	130.2	18:02:00	2814.17	130.2
18:03:00	2814.10	130.1	18:04:00	2814.06	130.1
18:05:00	2814.03	130.1	18:06:00	2813.99	130.1
18:07:00	2813.97	130.1	18:08:00	2813.94	130.1
18:09:00	2813.91	130.1	18:10:00	2813.91	130.1
18:11:00	2813.88	130.1	18:27:00	2782.86	118.7
18:28:00	2782.49	118.6	18:29:00	2782.17	118.6
18:30:00	2781.91	118.7	18:31:00	2781.67	118.6
18:32:00	2781.48	118.6	18:33:00	2781.32	118.5
18:34:00	2781.18	118.6	18:35:00	2781.07	118.6
18:36:00	2780.98	118.6	18:37:00	2780.89	118.5
18:38:00	2780.82	118.5	18:39:00	2780.74	118.5
18:40:00	2780.70	118.5	18:41:00	2780.66	118.5
18:42:00	2780.60	118.5	18:43:00	2780.57	118.5
18:44:00	2780.54	118.5	18:45:00	2780.52	118.5
18:46:00	2780.48	118.5	18:47:00	2780.47	118.4
18:48:00	2780.47	118.5	18:49:00	2780.45	118.5
18:50:00	2780.45	118.5	18:51:00	2780.44	118.5
19:29:00	2447.06	82.9	19:30:00	2447.33	83.0
19:31:00	2447.82	83.2	19:32:00	2448.42	83.3
19:33:00	2449.03	83.3	19:34:00	2449.62	83.4
19:35:00	2450.18	83.4	19:36:00	2449.82	83.5
19:38:00	2451.50	83.6	19:39:00	2451.85	83.7
19:40:00	2452.17	83.7	19:41:00	2452.45	83.7
19:42:00	2452.72	83.8	19:43:00	2452.98	83.8
19:44:00	2453.19				